



Features that include network capabilities and a low operating cost built into a portable design make this projector ideal for those on the go.



The Color Light Output spec measures the brightness of red, green, and blue, which create all the possible spectrum of colors. Smooth, seamless colors combined with an unparalleled grayscale range delivers incredible detail to every image displayed by a Hitachi 3LCD projector.



3,200 lumens of White Light Output in conjunction with equal Color Light Output project bright, clear, true to life images in any classroom or conference room.



Optional wireless 802.11n/g/b capabilities let users place their laptop anywhere in the room and not be tethered by a cable to the projector. Using the moderator function you can switch between up to fifty different presentations on multiple laptops with the touch of a button. Additionally, you can project the same image on up to 12 projectors simultaneously using Multi Display.



Intelligent Eco mode automatically changes the brightness of the lamp according to the brightness level of the image, saving lamp life and energy

Advantage Highlights

- Network Control, Maintenance and Security
- PC-Less Presentation
- PJ Messenger
- Present Content via LAN
- Input Source Naming
- HDMI (HDCP Compliant)
- Transition Detector and Security Bar
- Power Saving Mode
- Display via USB
- Template Function
- IR Remote Frequency Change
- MyButton / MySource - Doc Camera
- PIN Lock / MyScreen / MyText
- Serial Number and MAC Address Label on Side

Specification Highlights

- Color Light Output: 3,200 Lumens
- White Light Output: 3,200 Lumens
- XGA Resolution (1024 x 768)
- 2000:1 Contrast Ratio (Using Active Iris)
- 5.1 Lbs.
- Hybrid Filter (4,000 Hours Between Maintenance)
- 5,000 Hour Lamp Life (Eco Mode)*
- 1 Watt Audio Output
- HDMI / Component / Composite / S-Video
- 30 dB (EcoMode)
- CC1, CC2, CC3, CC4

* Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.



5,000 Hour Lamp Life (Eco Mode)*



Another key to low total cost of ownership is a long life lamp. The lamp is rated at 3,000 hours in standard mode and 5,000 hours in Eco mode.

Hybrid Filter (4,000 Hours between maintenance)*



Hitachi's hybrid filter consists of a two-stage, layered design and an electrostatic filter, providing dust protection for up to 4,000 hours.

2000:1 Contrast Ratio



Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

Network Control, Maintenance and Security



Projector Management Application (PJMan) allows users to monitor and control multiple projectors over LAN. Features include scheduling of events, e-mail alerts for reactive and routine maintenance. Crestron RoomView Express and AMX Device Discovery is embedded into the projector which provides out of the box compatibility with Crestron and AMX Systems.

PC-Less Presentation



By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow function.

PJ Messenger



PJMessenger function allows you to send and display text messages & audio alerts on your networked projectors. It is an easy and efficient way to send campus wide announcements.

Present Content via LAN



Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

Input Source Naming



Users can name input sources in simple language instead of factory default name. **Exclusive to Hitachi.**

HDMI Input (HDCP)



Digital connectivity allows for highest image quality from your HD device. Compliance with HDCP.



Transition Detector and Security Bar



A security sensor located inside the projector recognizes when the projector has been moved. Moving the projector without using the correct PIN Code will disable the projector.

Power Saving Mode



Power Saving Mode reduces the stand-by power consumption to .5W with limitations to some features.

Display via USB



Connect to your computer using the USB port.

Template Function



Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

IR Remote Frequency Change



To avoid conflict with fluorescent lights or IrDA (IR Signal) from notebook PC, the frequency of the IR remote control can be changed from the menu. **Exclusive to Hitachi.**

MyButton / MySource - Doc Camera



Two customizable buttons on the remote control allow users to create a shortcut for any projector command such as: Direct Input (RGB1, S-Video etc.), Picture Mode, or Filter Reset. For connection to a document camera, MySource allows users to add a third "Document Camera" source button.

PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN Lock keeps captured images on the startup screen. Users can set a school's name or company's logo to "MyScreen," clearly identifying ownership. MyText provides the ability to write text on the start up screen, such as model name, serial number, or location.

Serial Number and MAC Address Label on Side



A label is affixed to side of projector to more easily access and read the model name and serial number while mounted in ceiling use. This is a convenience for installers, end user and auditors for instant accessibility.

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Complete Specifications: CP-X3021WN

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Projection Throw Chart

Screen Size 4:3

Screen Size*		Throw Distance*	
Diagonal*	Width*	Min*	Max*
30	24	34	40
60	48	70	83
80	64	95	111
100	80	119	139
120	96	143	167
150	120	179	210
200	160	240	280
300	240	361	422

Throw Ratio: 1.5 - 1.7:1 (distance : width)
*Measured in inches

Disclaimer: Please use this throw distance calculator for reference purpose only. For permanent installation purpose, we recommended that you assume 10% calculation margin of error or to test the unit on site.

Input/Output Terminals



3LCD Technology



Closed Captioning



Hitachi Trade-Up Program



AMX Device Discovery



Crestron Integrated Partner



3 Year Warranty

HDMI HDMI

Model Name	CP-X3021WN
Resolution	
RGB	1024 dots X 768 lines
Video	540 TV lines
Liquid Crystal Panel Structure	0.63" polysilicon active-matrix TFT x 3
Number of Pixels	786,432 pixels
Colors	16.7 million colors
Aspect Ratio	Native 4:3/16:9 compatible
Lens	Manual zoom x 1.2
Throw Ratio (distance : width)	1.5-1.7 : 1
Lamp	215W @ Intelligent Eco Mode
Color Light Output	3,200 Lumens
White Light Output	3,200 Lumens
Expected Lamp Life	Approximately 3,000 hours (normal) 5,000 hours (Eco mode)*
Contrast Ratio	2000 : 1 (using active IRIS)
Speaker Output	1W
Power Supply	AC100 - 120V / AC220 - 240V 50/60 Hz Power
Power Consumption	320W
Operating Temperature	5°C - 35°C (41°F - 95°F)
Input Signals	
RGB	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"
Composite Video	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N
Component Video	480i, 576i, 480p, 720p, 1080i, 1080p
Acoustic Noise Level	37 dB (30 dB in Eco Mode)
H-Sync	15 Hz - 106 Hz
V-Sync	50 kHz - 120 kHz
Vertical Keystone	+ / - 30°
Approvals	UL, C-UL, FCC, CE, RoHS
RGB Input	
Analog RGB	15pin Mini-Dsub x 2
RGB Output	
RGB	15pin Mini-Dsub x 1
Digital Input	HDMI x 1 (HDCP Compliant)
Video Input	
S-Video	Mini DIN 4-pin connector x 1
Composite Video	RCA jack x 1
Component Video	15 pin D-Sub shrink x 2
Audio	
Input	3.5mm Stereo mini jack x 2: allocable
Output	3.5mm Stereo mini jack x 1
Ethernet	RJ-45 port / 100 base-T
Wireless	Optional Wireless 802.11n/g/b Capabilities
Control Terminals	9-pin D-sub connector x 1 (RS-232 control)
Other	USB-A, USB-B (USB Mouse), PC-Less Presentation
Dimensions (W x D x H)	12.05" x 8.7" x 3.03"
Weight	5.1 lbs.
Closed Caption	CC1, CC2, CC3, CC4. T1, T2, T3, T4
Supplied Accessories	Remote Control, Batteries (AA), RGB cable, US Power Cord, Multiple language operator / Safety Manual, Security Label
Optional Accessories	USBWL11N - Wireless USB Key
Replacement Parts	
Lamp	CPX2021LAMP (DT01191) (Filter Included in Box)
Remote Control	HL02771
Filter	UX36761



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